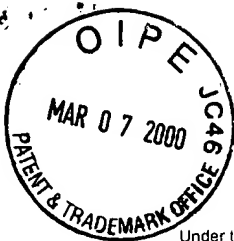


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PTO/SB/17 (12/99)
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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 435.00

Complete if Known

Application Number	08/938,173
Filing Date	09/26/97
First Named Inventor	Brockhoff, Alex
Examiner Name	Kim, S.
Group / Art Unit	1723
Attorney Docket No.	1267

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 500-246

Deposit Account Name Beck & Tysver, P.L.L.P.

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
-20**	X		
Independent Claims	-3**	X	
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	435.00
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	

Other fee (specify) _____

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 435.00)

SUBMITTED BY

Name (Print/Type)	Robert C. Bach	Registration No. (Attorney/Agent)	28,184	Telephone	(612) 933-3331
Signature	Robert C. Bach	Date	2/28/00		

WARNING:

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08/938,173

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Alex Brockhoff	Examiner:	KIM, S.
Serial No.:	08/938,173	Group Art Unit:	1306
Filing Date:	September 26, 1997	Docket No.:	1267
Title	Method and Device for Removing Gas From Gas Containing Blood		

Date of Deposit: 2/28/00
I hereby certify that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231
Signature: Robert C. Beck
Printed Name: Robert C. Beck

DO NOT ENTER

OK TO ENTER

RESPONSE

OK AS ENTERED

Assistant Commissioner for Patents
Washington, DC 20231

This is responsive to the outstanding Office Action mailed Aug 31, 1999, and identified as paper number 13. Reconsideration and allowance of this application is respectfully solicited in view of the following amendments and remarks.

AMENDMENTS

Please add the following new claims:

18. (New; independent)

A device for removing gas from gas containing blood, the device comprising:
a) a non-rotating cyclone eddy chamber having an inlet thereto and an outlet therefrom, said chamber being shaped for passing gas-containing blood in the form of a cyclone eddy current for producing a centrifugal force that separates the blood into a

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